NOV 0 3 2000 E

Magnetic Bias Pinning Layer For GMR Sensor of a Magnetic Head for a Hard Disk Drive

S/N: 10/631,340

Atty. Docket #HSJ9-2003-0107US1

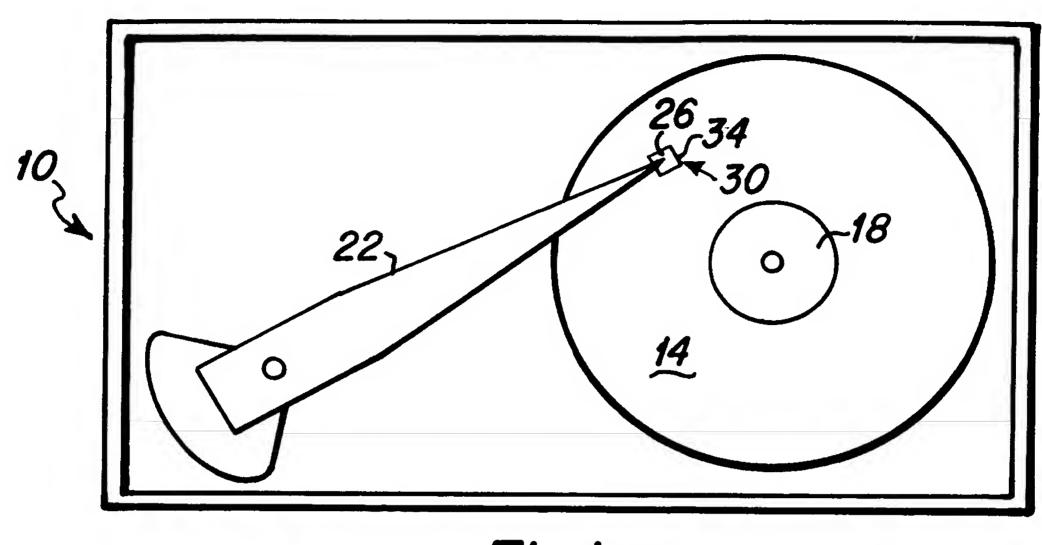


Fig.1

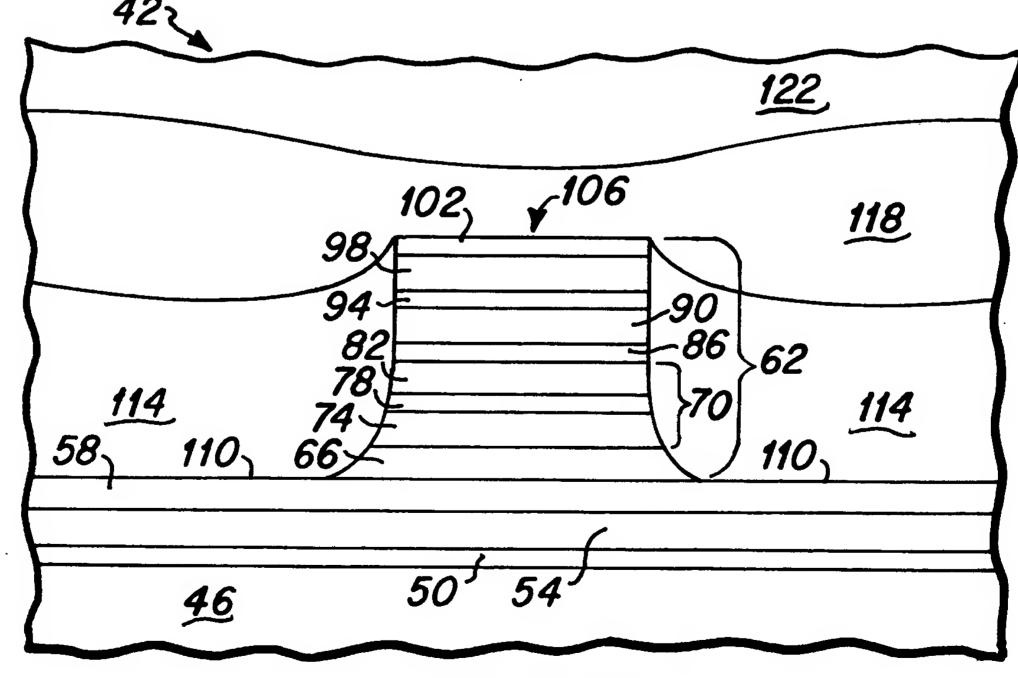


Fig.2 (PRIOR ART)

HOV 0 3 2003 15

Magnetic Bias Pinning Layer For GMR
Sensor of a Magnetic Head for a Hard Disk

Drive. . . . S/N: 10/631,340

Atty. Docket #HSJ9-2003-0107US1

90 140 166, 166) Fig.3

90 <u>140</u> **-82** ,166 <u>46</u> Fig.4